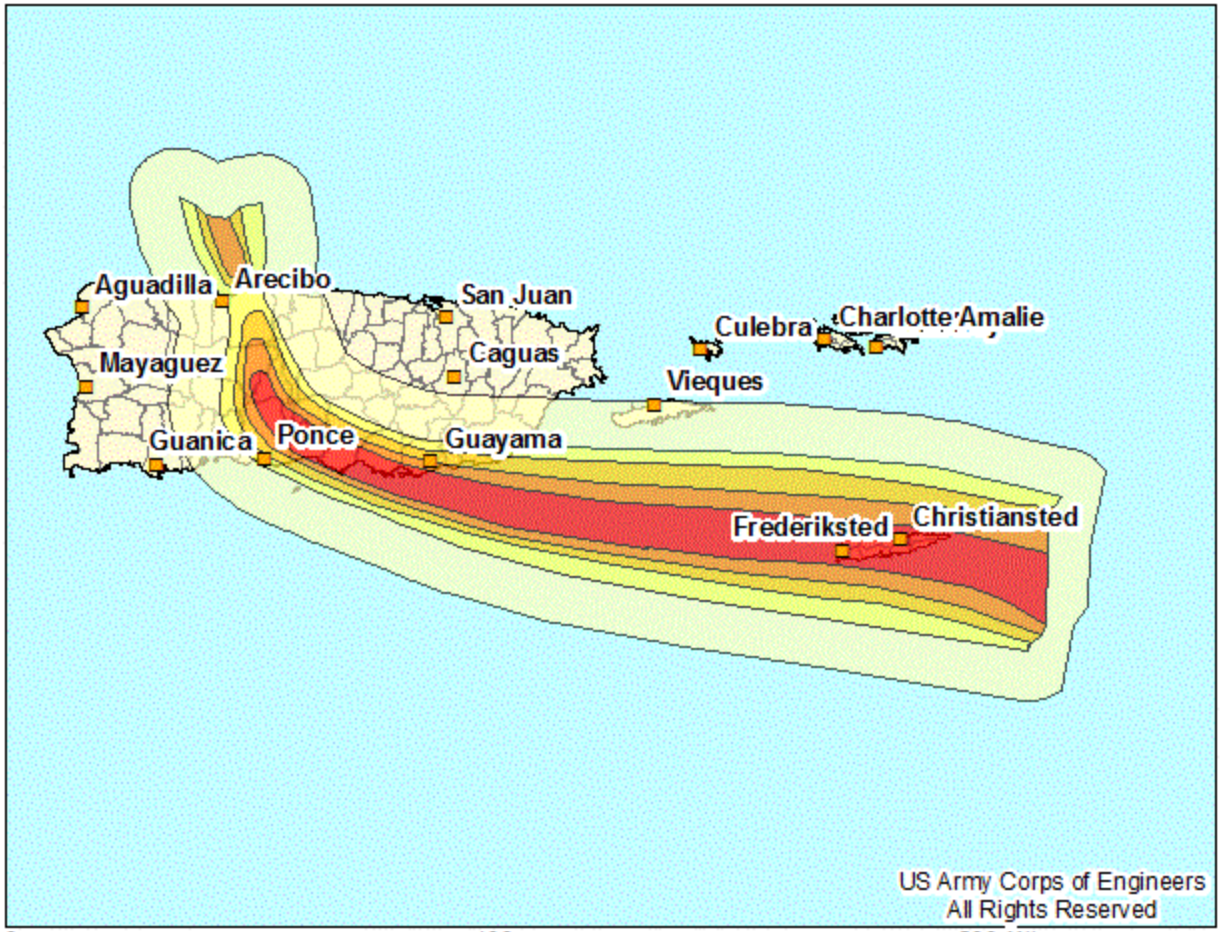
Hurricane No Name Projected Damage Areas

US Army Corps of Engineers

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a projected or actual Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast and extrapolated by LRL staff to represent a landfall condition that has either occurred or may occur in the near future.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane No Name Projected Damage Areas

Generated By:
CAM, LRL 1200 EDT 06/24/2014

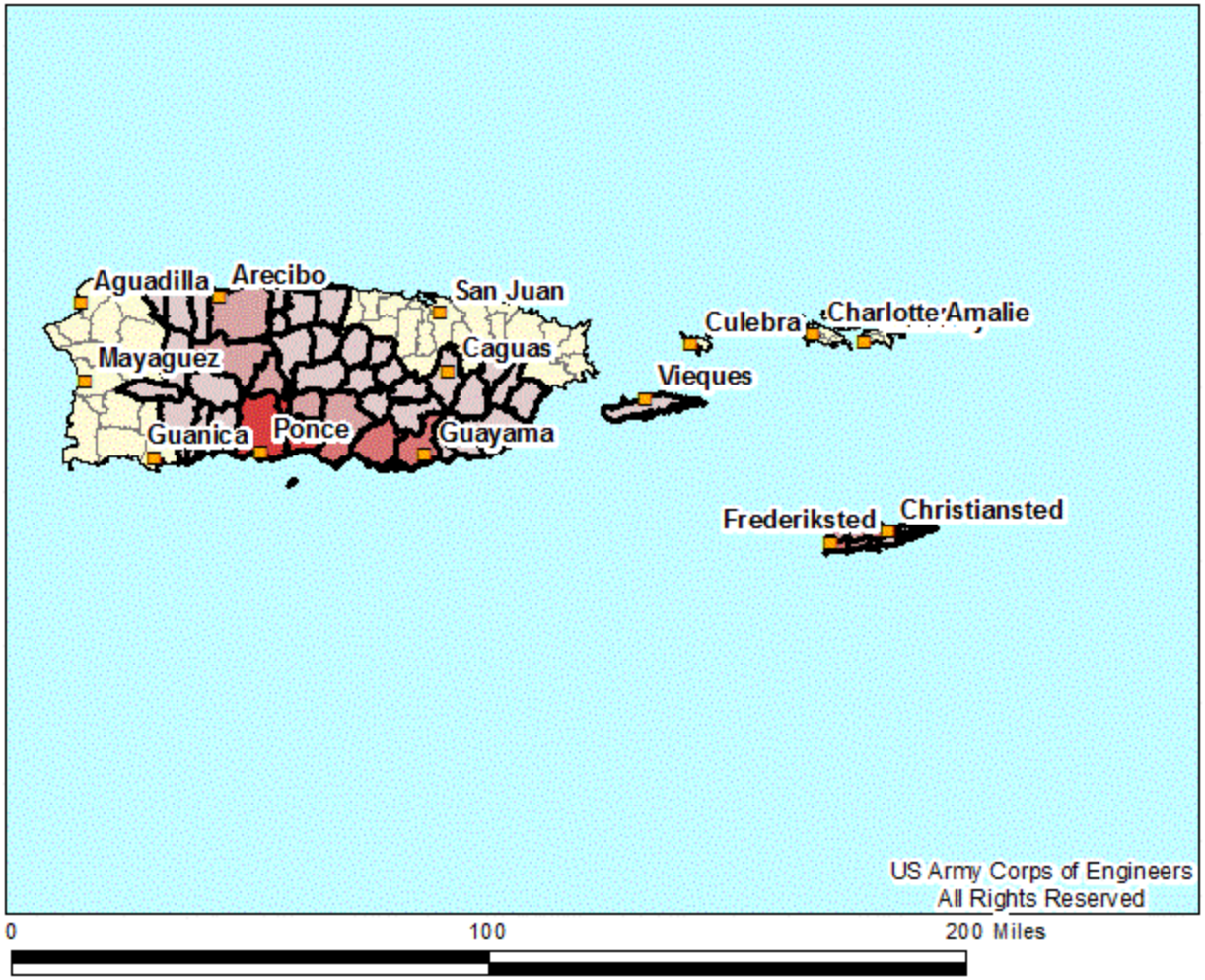
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane No Name Debris Model

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

PUERTO RICO - 4,100,000 Yards
US VIRGIN ISLANDS - 1,723,000 Yards

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

*Details about this model may be obtained at
http://www.usace.army.mil/Missions/EmergencyOperations/DisasterImpactModels.aspx
or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Hurricane No Name Debris Model	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 2 of 23

US Army Corps of Engineers

Hurricane No Name Debris Model

Landfall Plus About 2 Hours

For Planning Purposes Only!

Island	Yards per Island	Geographic Unit	Yards per Geographic Unit	Island	Yards per Island	Geographic Unit	Yards per Geographic Unit
PUERTO RICO		Adjuntas Municipio	33,000	PUERTO RICO		Peñuelas Municipio	19,000
		Aibonito Municipio	8,000	(continued)		Ponce Municipio	919,000
		Arecibo Municipio	142,000			Quebradillas Municipio	2,000
		Arroyo Municipio	89,000			Salinas Municipio	375,000
		Barceloneta Municipio	9,000			San Lorenzo Municipio	7,000
		Barranquitas Municipio	9,000			Santa Isabel Municipio	351,000
		Caguas Municipio	4,000			Utuado Municipio	142,000
		Camuy Municipio	10,000			Vega Baja Municipio	4,000
		Cayey Municipio	18,000			Vieques Municipio	4,000
		Ciales Municipio	21,000			Villalba Municipio	202,000
		Cidra Municipio	11,000			Yabucoa Municipio	12,000
		Coamo Municipio	206,000			Yauco Municipio	11,000
		Comerío Municipio	4,000	PUERTO RICO	4,100,000		
		Corozal Municipio	2,000				
		Florida Municipio	14,000	US VIRGIN ISLANDS		ANNA'S HOPE VILLAGE	100,000
		Guayama Municipio	336,000			CENTRAL	182,000
		Guayanilla Municipio	7,000			CHRISTIANSTED	361,000
		Hatillo Municipio	14,000			EAST END - NORTH	85,000
		Humacao Municipio	14,000			EAST END - SOUTH	34,000
		Jayuya Municipio	215,000			NORTHCENTRAL	61,000
		Juana Díaz Municipio	773,000			NORTHWEST	117,000
		Juncos Municipio	< 1,000			SION FARM	275,000
		Lares Municipio	7,000			SOUTHCENTRAL	175,000
		Las Piedras Municipio	5,000			SOUTHWEST	333,000
		Manatí Municipio	14,000	US VIRGIN ISLANDS	1,723,000		
		Maricao Municipio	< 1,000				
		Maunabo Municipio	19,000				
		Morovis Municipio	10,000				
		Naranjito Municipio	< 1,000				
		Orocovis Municipio	13,000				
		Patillas Municipio	45,000				

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at
http://www.usace.army.mil/Missions/EmergencyOperations/DisasterImpactModels.aspx
or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane No Name Debris Model

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

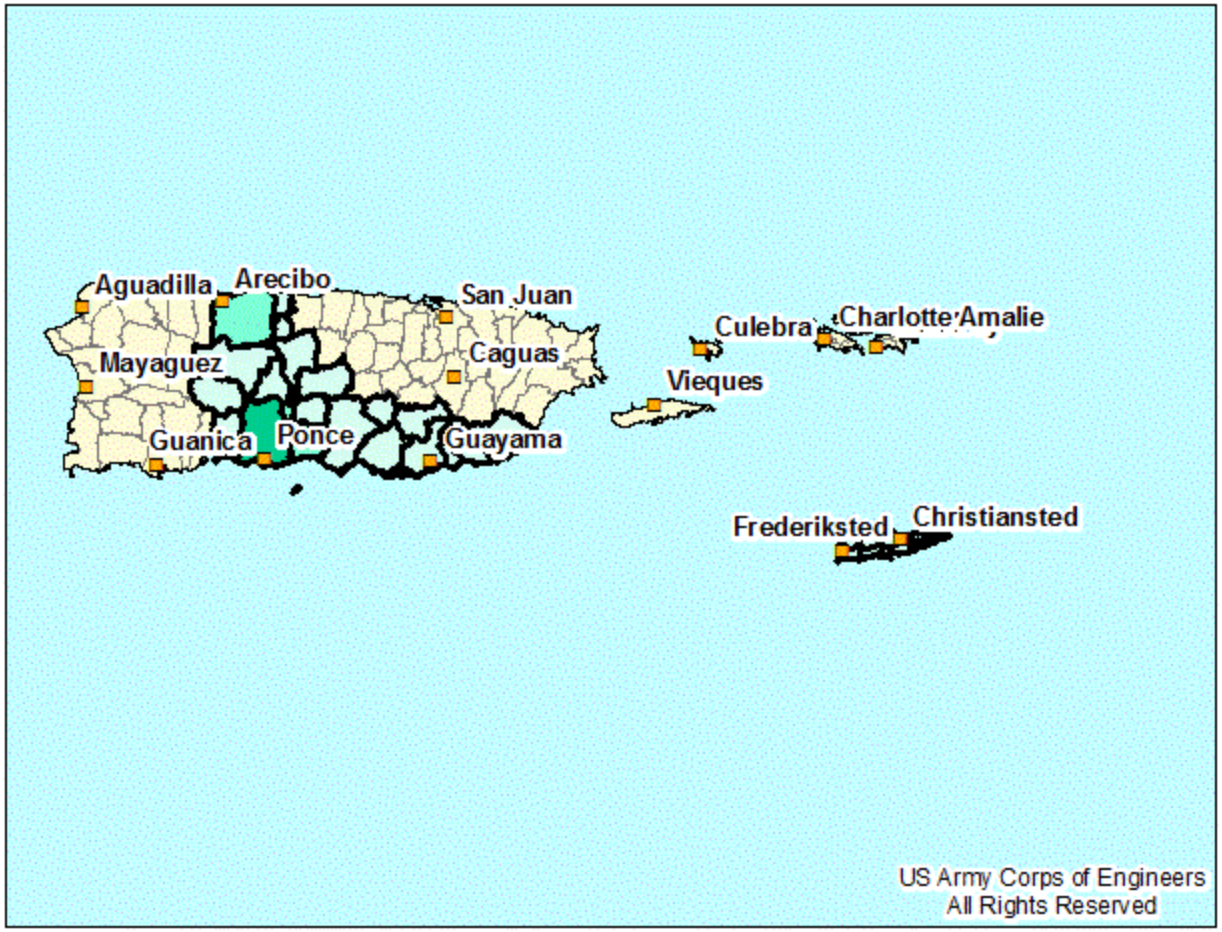
Sources:
HURREVAC
SimSuite

US Army Corps of Engineers

Hurricane No Name Commodities Model

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
PUERTO RICO - 56 Truckloads
US VIRGIN ISLANDS - 10 Truckloads

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC ***(1130 EDT 06/24/2014)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents daily needs with a ramp-up in the distribution system – three days for Points of Distribution (PODs) to be fully in place and operational. Volume shown is for each commodity – water and ice. Commodity need may be supplied by multiple agencies and/or sources.

* Details about this model may be obtained at
http://www.usace.army.mil/Missions/EmergencyOperations/DisasterImpactModels.aspx
or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Hurricane No Name Commodities Model

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

Sources:
HURREVAC
SimSuite

US Army Corps of Engineers

Hurricane No Name Commodities Model

Landfall Plus About 2 Hours

For Planning Purposes Only!

Island	Truckloads per Island	Geographic Unit	Truckloads per Geographic Unit
PUERTO RICO		Adjuntas Municipio	1
		Aibonito Municipio	1
		Arecibo Municipio	5
		Arroyo Municipio	2
		Barceloneta Municipio	1
		Cayey Municipio	1
		Ciales Municipio	1
		Coamo Municipio	3
		Florida Municipio	1
		Guayama Municipio	4
		Jayuya Municipio	2
		Juana Dφaz Municipio	5
		Maunabo Municipio	1
		Orocovis Municipio	1
		Patillas Municipio	2
		Pe±uelas Municipio	1
		Ponce Municipio	13
		Salinas Municipio	3
		Santa Isabel Municipio	2
		Utuado Municipio	2
		Villalba Municipio	3
		Yabucoa Municipio	1
PUERTO RICO	56		
US VIRGIN ISLANDS		ANNA'S HOPE VILLAGE	1
		CENTRAL	1
		CHRISTIANSTED	1
		EAST END - NORTH	1
		EAST END - SOUTH	1
		NORTHCENTRAL	1
		NORTHWEST	1
US VIRGIN ISLANDS (continued)		SION FARM	1
		SOUTHCENTRAL	1
		SOUTHWEST	1
US VIRGIN ISLANDS	10		

Source: US Army Corps of Engineers, All Rights Reserved

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested daily needs based on full deployment of a commodities distribution system. Volume shown is for each commodity – water and ice. Commodity need may be supplied by multiple agencies and/or sources.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane No Name Commodities Model

Generated By:
CAM, LRL 1200 EDT 06/24/2014

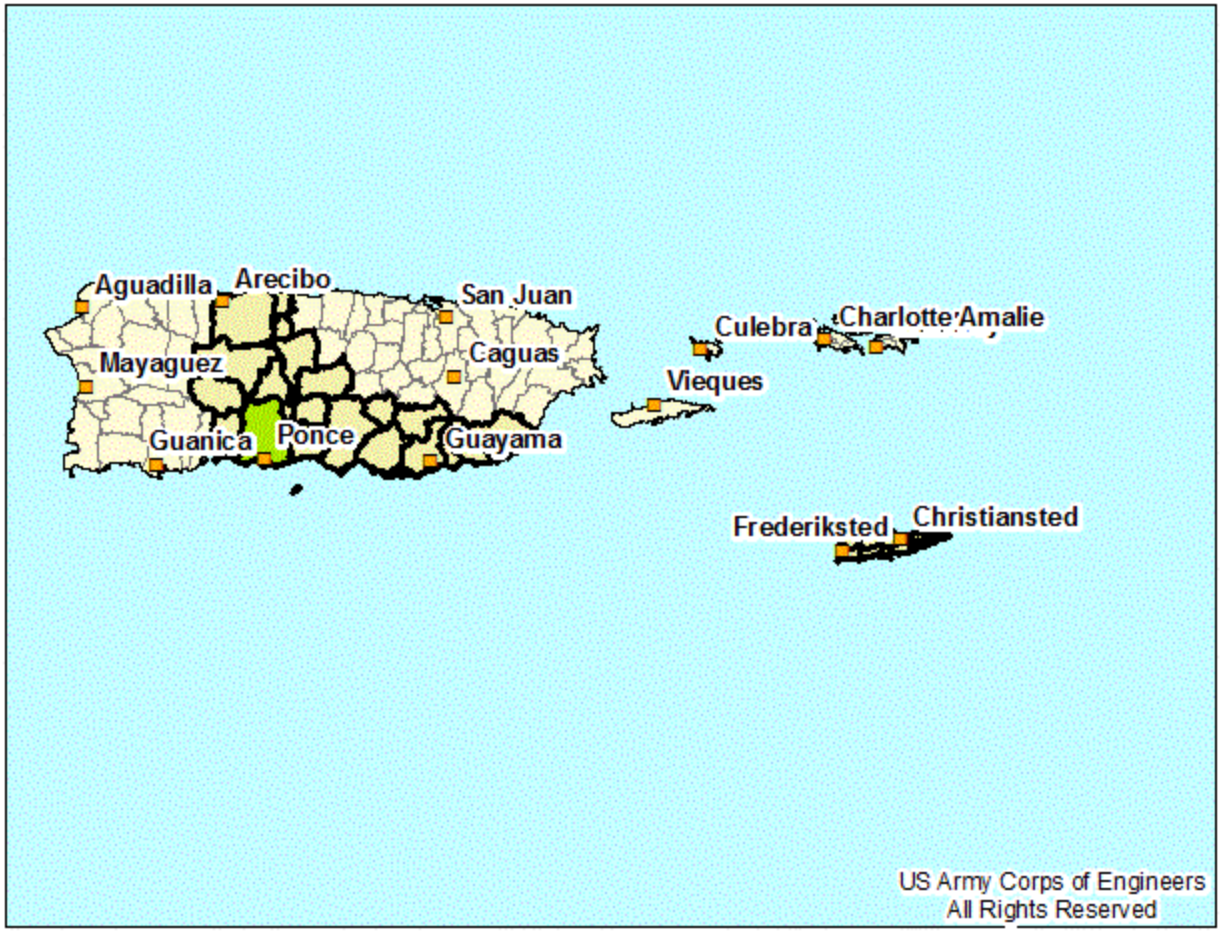
Sources:
HURREVAC
LRL-DEBRIS

Hurricane No Name Temporary Roofing Model

US Army Corps of Engineers

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

PUERTO RICO - 13,600
US VIRGIN ISLANDS - 600

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast. Temporary roofing is based on 8% in CAT 1, 10% in CAT 2, 6% in CAT 3 and 4% in CAT 4.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane No Name Roofing Model

Generated By:
CAM, LRL 1200 EDT 06/24/2014

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane No Name Temporary Roofing Model

Landfall Plus About 2 Hours

For Planning Purposes Only!

Island	House Units per Island	Geographic Unit	House Units per Geographic Unit
PUERTO RICO		Adjuntas Municipio	400
		Aibonito Municipio	< 100
		Arecibo Municipio	1,700
		Arroyo Municipio	600
		Barceloneta Municipio	< 100
		Cayey Municipio	< 100
		Ciales Municipio	200
		Coamo Municipio	1,000
		Florida Municipio	200
		Guayama Municipio	1,100
		Jayuya Municipio	300
		Juana Dφaz Municipio	700
		Maunabo Municipio	300
		Orocovis Municipio	< 100
		Patillas Municipio	500
		Pe±uelas Municipio	200
		Ponce Municipio	4,200
		Salinas Municipio	600
		Santa Isabel Municipio	300
		Utuado Municipio	700
		Villalba Municipio	600
		Yabucoa Municipio	< 100
PUERTO RICO	13,600		
US VIRGIN ISLANDS		ANNA'S HOPE VILLAGE	< 100
		CENTRAL	< 100
		CHRISTIANSTED	200
		EAST END - NORTH	< 100
		EAST END - SOUTH	< 100
		NORTHCENTRAL	< 100
		NORTHWEST	< 100
US VIRGIN ISLANDS (continued)		SION FARM	200
		SOUTHCENTRAL	< 100
		SOUTHWEST	200
US VIRGIN ISLANDS	600		

Temporary roofing is based on 8% in CAT 1, 10% in CAT 2, 6% in CAT 3 and 4% in CAT 4.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane No Name Roofing Model

Generated By:
CAM, LRL 1200 EDT 06/24/2014

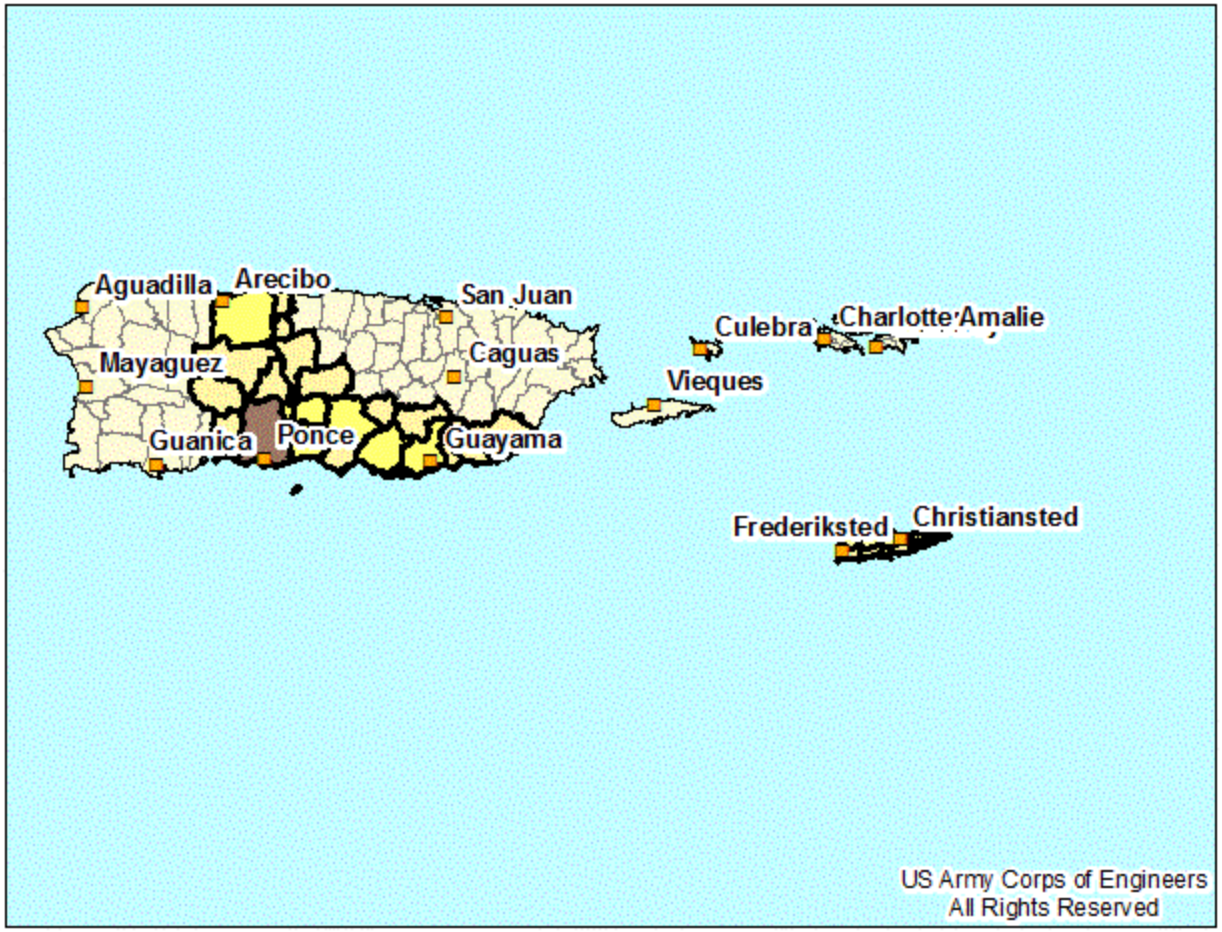
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane No Name Population Model

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

PUERTO RICO - 543,000
US VIRGIN ISLANDS - 62,000

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2010 values adjusted to July 2011 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane No Name Population Model	
Generated By: CAM, LRL 1200 EDT 06/24/2014	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane No Name Population Model

Landfall Plus About 2 Hours

For Planning Purposes Only!

Island	Population per Island	Geographic Unit	Population per Geographic Unit
PUERTO RICO		Adjuntas Municipio	12,000
		Aibonito Municipio	< 1,000
		Arecibo Municipio	58,000
		Arroyo Municipio	19,000
		Barceloneta Municipio	< 1,000
		Cayey Municipio	< 1,000
		Ciales Municipio	6,000
		Coamo Municipio	36,000
		Florida Municipio	5,000
		Guayama Municipio	42,000
		Jayuya Municipio	17,000
		Juana Dąaz Municipio	51,000
		Maunabo Municipio	11,000
		Orocovis Municipio	3,000
		Patillas Municipio	14,000
		Pe±uelas Municipio	9,000
		Ponce Municipio	155,000
		Salinas Municipio	30,000
		Santa Isabel Municipio	24,000
		Utuado Municipio	25,000
		Villalba Municipio	26,000
		Yabucoa Municipio	< 1,000
PUERTO RICO	543,000		
US VIRGIN ISLANDS		ANNA'S HOPE VILLAGE	4,000
		CENTRAL	6,000
		CHRISTIANSTED	12,000
		EAST END - NORTH	3,000
		EAST END - SOUTH	2,000
		NORTHCENTRAL	3,000
		NORTHWEST	4,000

Island	Population per Island	Geographic Unit	Population per Geographic Unit
US VIRGIN ISLANDS		SION FARM	10,000
(continued)		SOUTHCENTRAL	7,000
		SOUTHWEST	11,000
US VIRGIN ISLANDS	62,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2010 values adjusted to July 2011 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane No Name Population Model

Generated By:
CAM, LRL 1200 EDT 06/24/2014

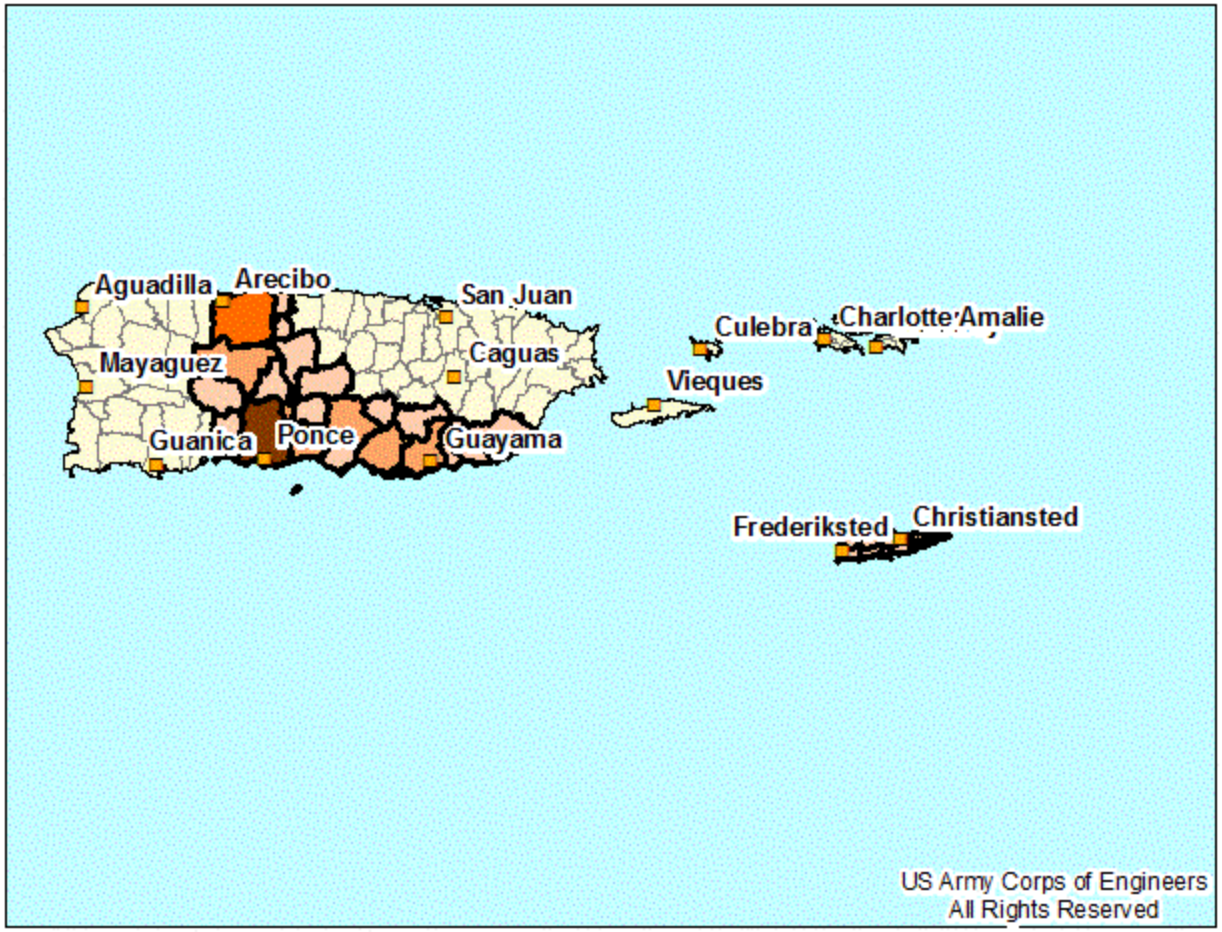
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane No Name Households Model

Landfall Plus About 2 Hours

For Planning Purposes Only!



Post Landfall Households Model Results

PUERTO RICO - 178,000
US VIRGIN ISLANDS - 22,000

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2010 values adjusted to July 2011 values).

*Details about this model may be obtained at
http://www.usace.army.mil/Missions/EmergencyOperations/DisasterImpactModels.aspx
or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Hurricane No Name Households Model

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

Sources:
HURREVAC
SimSuite

US Army Corps of Engineers

Hurricane No Name Households Model

Landfall Plus About 2 Hours

For Planning Purposes Only!

Island	Households per Island	Geographic Unit	Households per Geographic Unit
PUERTO RICO		Adjuntas Municipio	4,000
		Aibonito Municipio	< 1,000
		Arecibo Municipio	20,000
		Arroyo Municipio	7,000
		Barceloneta Municipio	< 1,000
		Cayey Municipio	< 1,000
		Ciales Municipio	2,000
		Coamo Municipio	12,000
		Florida Municipio	2,000
		Guayama Municipio	14,000
		Jayuya Municipio	5,000
		Juana Dąaz Municipio	15,000
		Maunabo Municipio	4,000
		Orocovis Municipio	< 1,000
		Patillas Municipio	5,000
		Pe±uelas Municipio	3,000
		Ponce Municipio	51,000
		Salinas Municipio	10,000
		Santa Isabel Municipio	8,000
		Utuado Municipio	8,000
		Villalba Municipio	8,000
		Yabucoa Municipio	< 1,000
PUERTO RICO	178,000		
US VIRGIN ISLANDS		ANNA'S HOPE VILLAGE	2,000
		CENTRAL	2,000
		CHRISTIANSTED	5,000
		EAST END - NORTH	< 1,000
		EAST END - SOUTH	< 1,000
		NORTHCENTRAL	< 1,000
		NORTHWEST	2,000

Island	Households per Island	Geographic Unit	Households per Geographic Unit
US VIRGIN ISLANDS (continued)		SION FARM	4,000
		SOUTHCENTRAL	3,000
		SOUTHWEST	4,000
US VIRGIN ISLANDS	22,000		

The number of households estimated to be within the hurricane force winds comes from Census 2010 values adjusted to July 2011 values.

* Details about this model may be obtained at
http://www.usace.army.mil/Missions/EmergencyOperations/DisasterImpactModels.aspx
or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane No Name Households Model

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

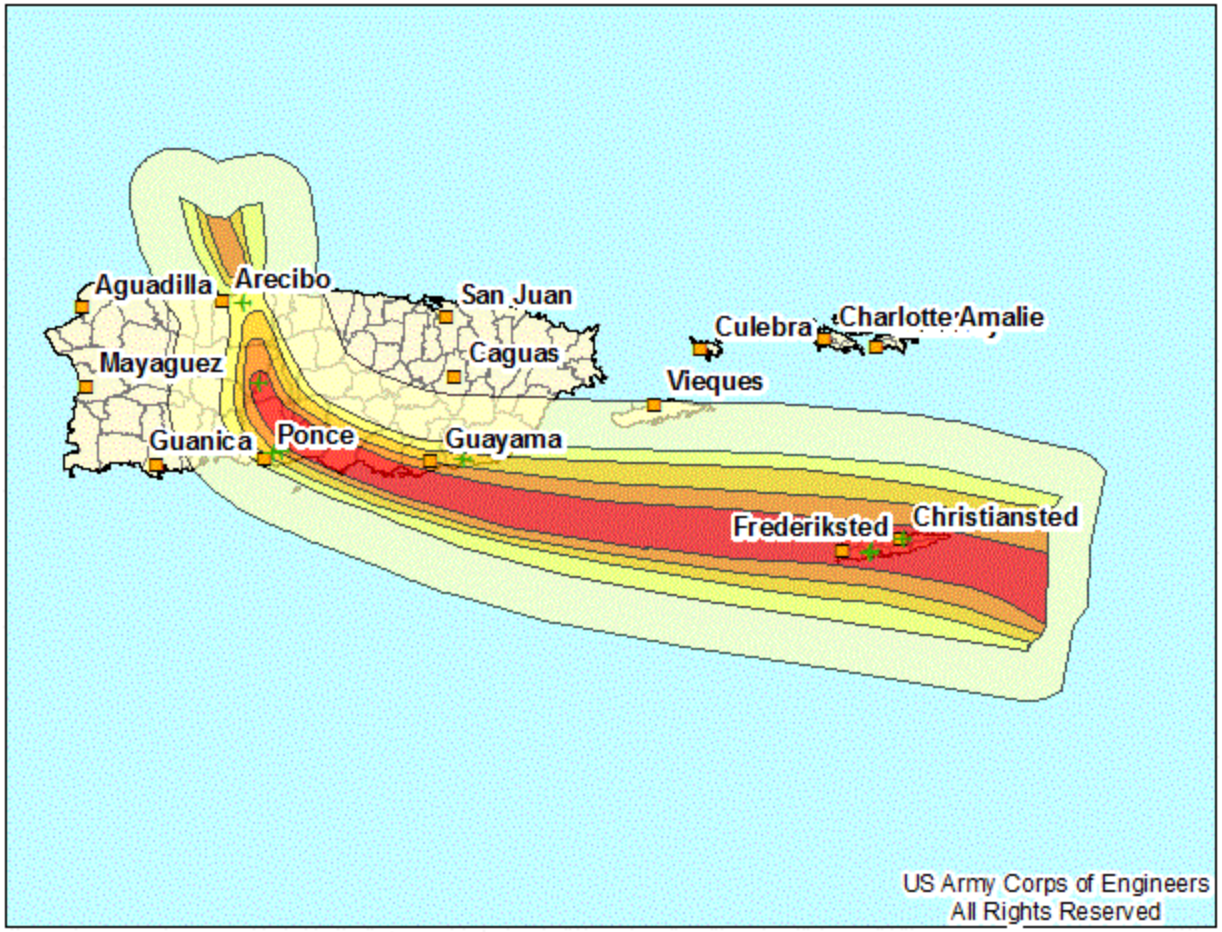
Sources:
HURREVAC
SimSuite

US Army Corps of Engineers

Hurricane No Name Airports

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

+ Airports

Most Probable Landfall Airports Inside Hurricane Force Winds

Puerto Rico - 5
Virgin Island - 3

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of airports included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

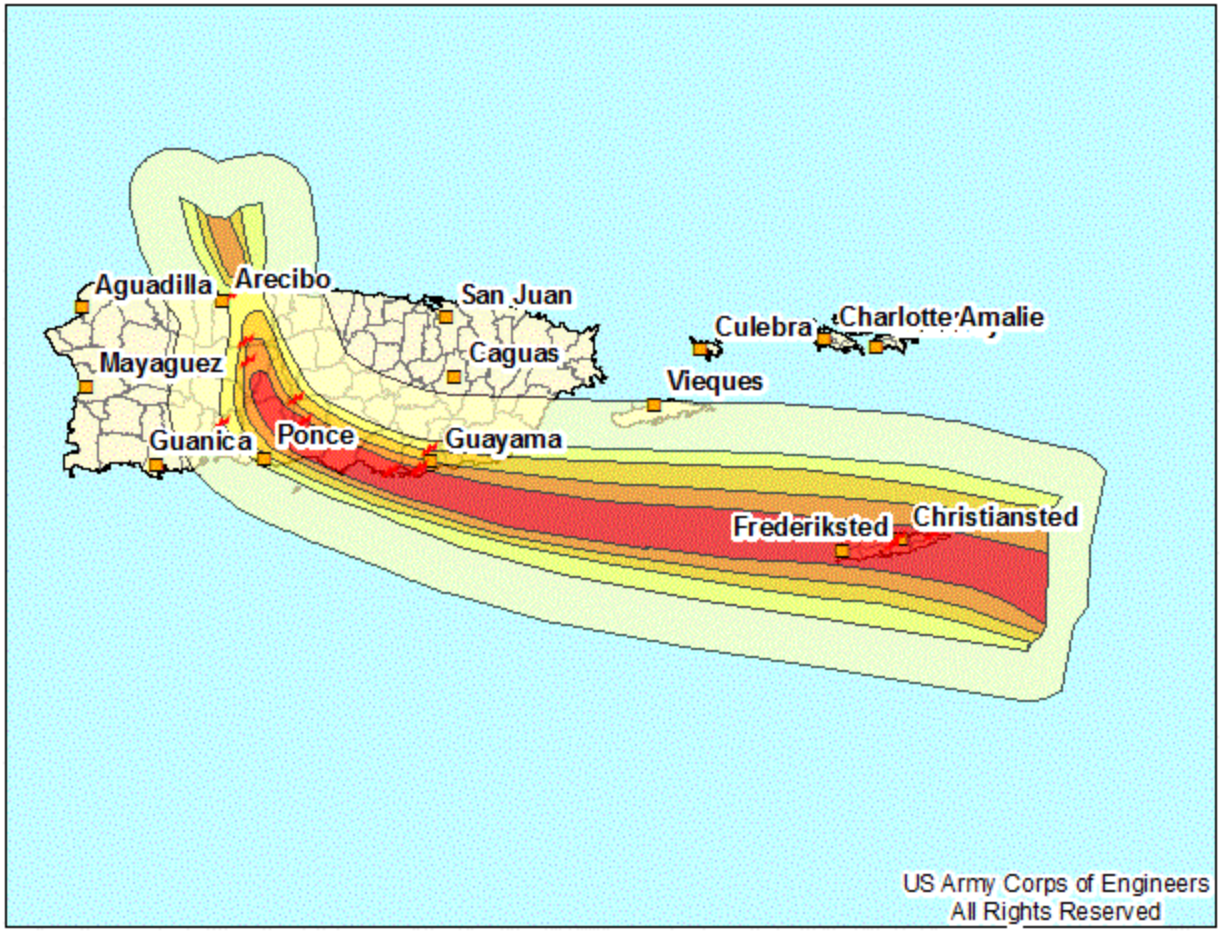
Hurricane No Name Airports	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	

US Army Corps of Engineers

Hurricane No Name Electric Power Plants

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

Electric Power Plants

Most Probable Landfall Electric Power Plants Inside Hurricane Force Winds

Puerto Rico - 10
Virgin Island - 3

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of electric power plants included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

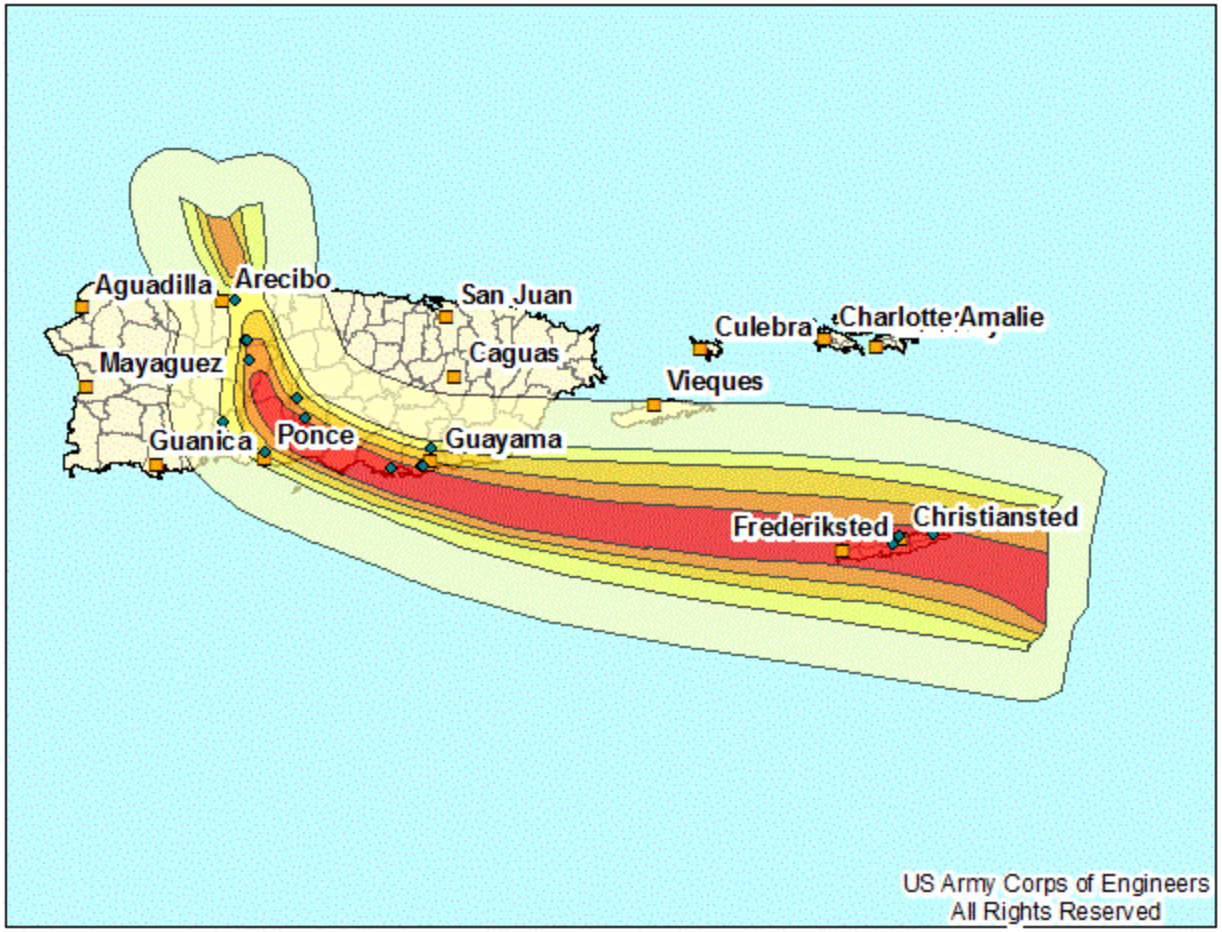
Hurricane No Name Electric Power Plants	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 13 of 23

US Army Corps of Engineers

Hurricane No Name Electric Substations

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

◆ Electric Substations

Most Probable Landfall Electric Substations Inside Hurricane Force Winds

Puerto Rico - 14
Virgin Island - 3

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of electric substations included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

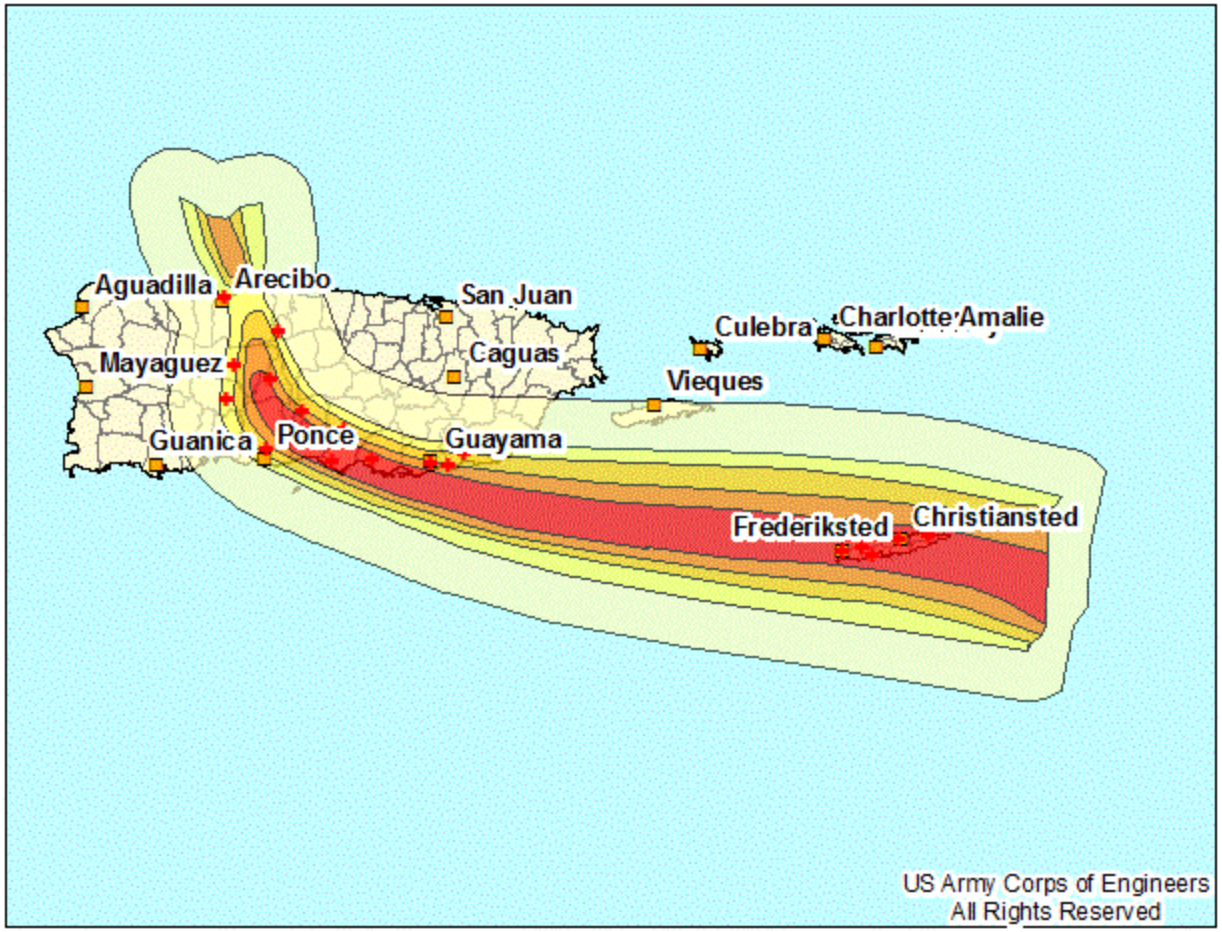
Hurricane No Name Electric Substations	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 14 of 23

US Army Corps of Engineers

Hurricane No Name Fire Stations

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

✚ Fire Stations

Most Probable Landfall Fire Stations Inside Hurricane Force Winds

Puerto Rico - 15
Virgin Island - 5

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of fire stations included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

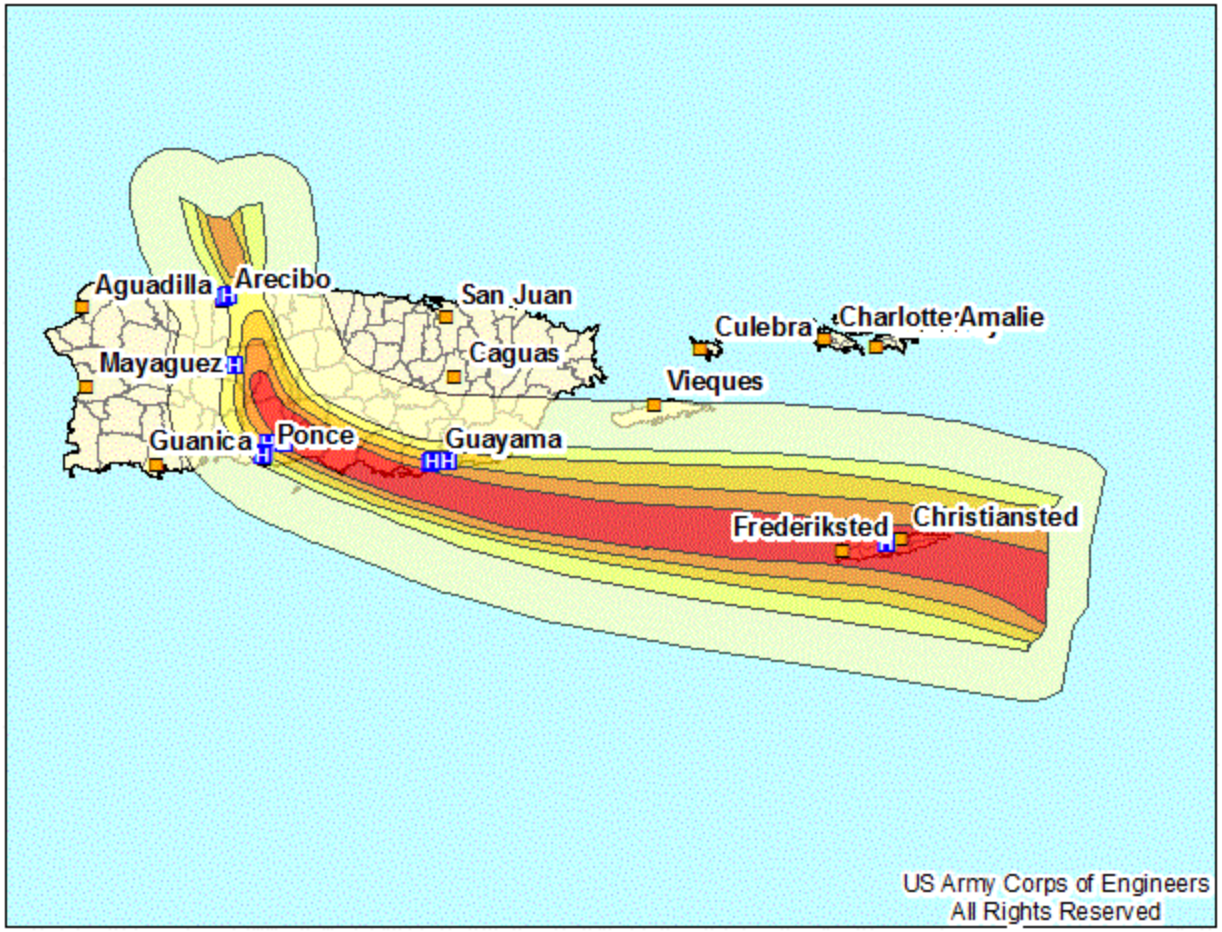
Hurricane No Name Fire Stations	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 15 of 23

US Army Corps of Engineers

Hurricane No Name Hospitals

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

H Hospitals

Most Probable Landfall Hospitals Inside Hurricane Force Winds

Puerto Rico - 11
Virgin Island - 1

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of hospitals included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

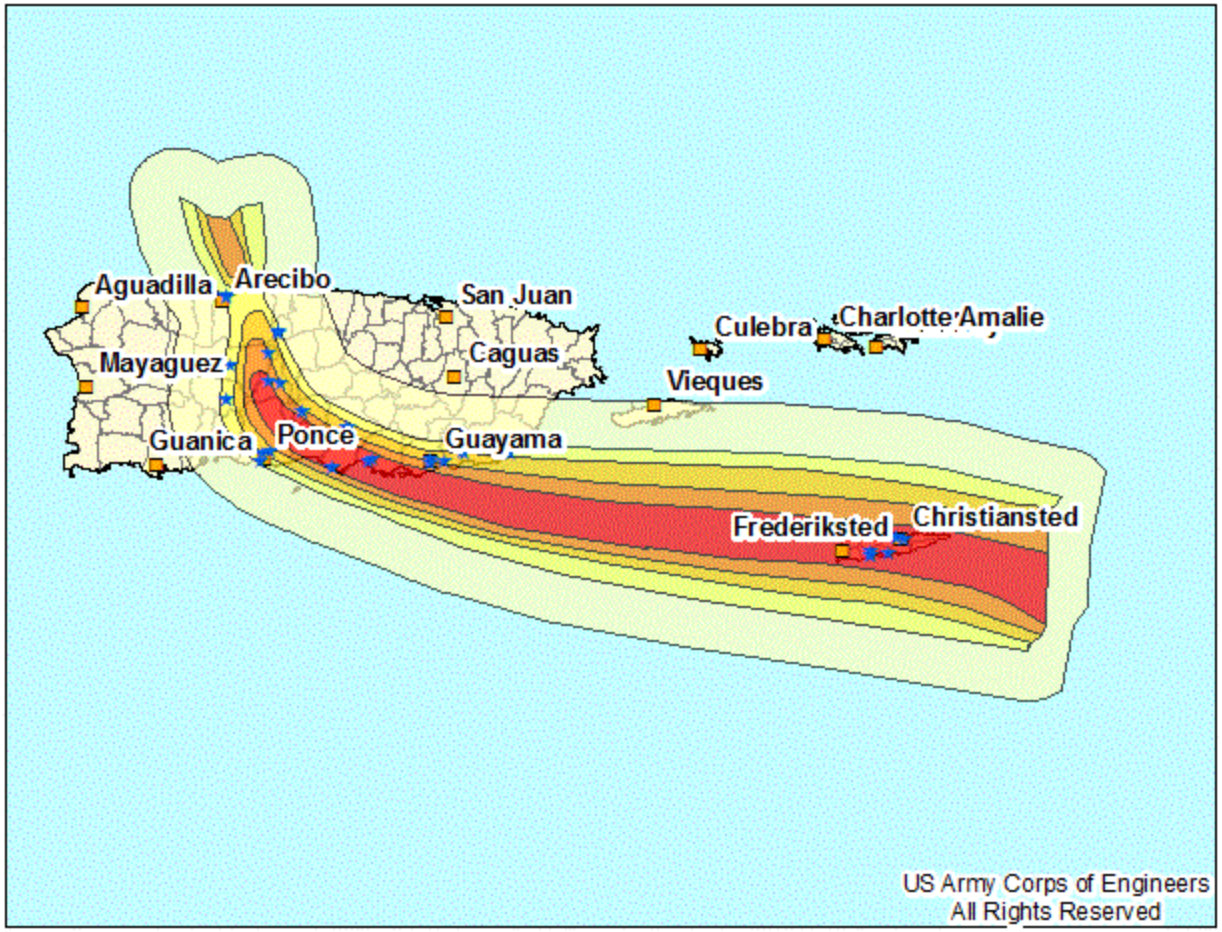
Hurricane No Name Hospitals	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	

US Army Corps of Engineers

Hurricane No Name Law Enforcement

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

★ Law Enforcement

Most Probable Landfall Law Enforcement Inside Hurricane Force Winds

Puerto Rico - 30
Virgin Island - 7

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of lawenforcement included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Hurricane No Name Law Enforcement

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

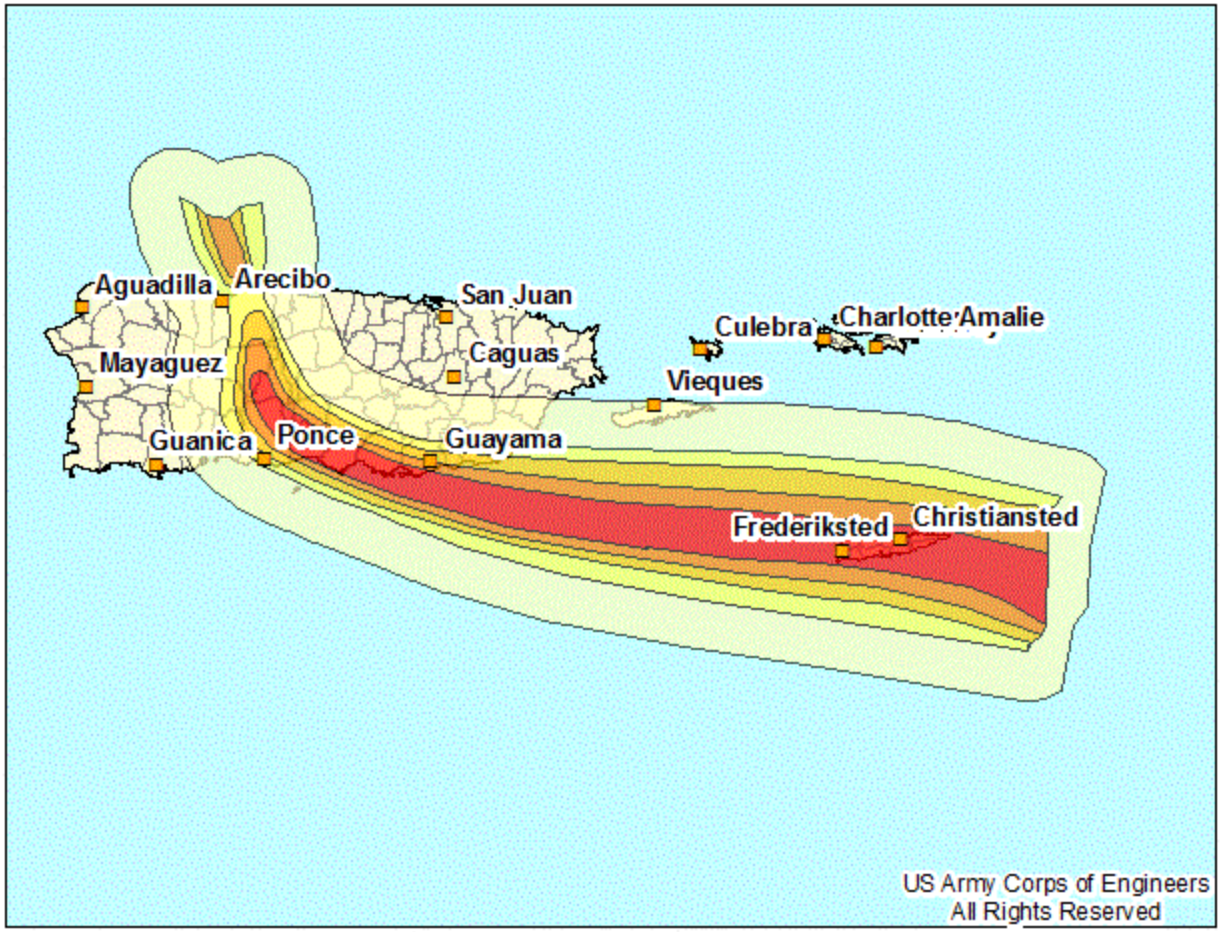
Sources:
HURREVAC
SimSuite

US Army Corps of Engineers

Hurricane No Name Nursing Homes

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

Nursing Homes

Most Probable Landfall Nursing Homes Inside Hurricane Force Winds

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of nursing homes included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

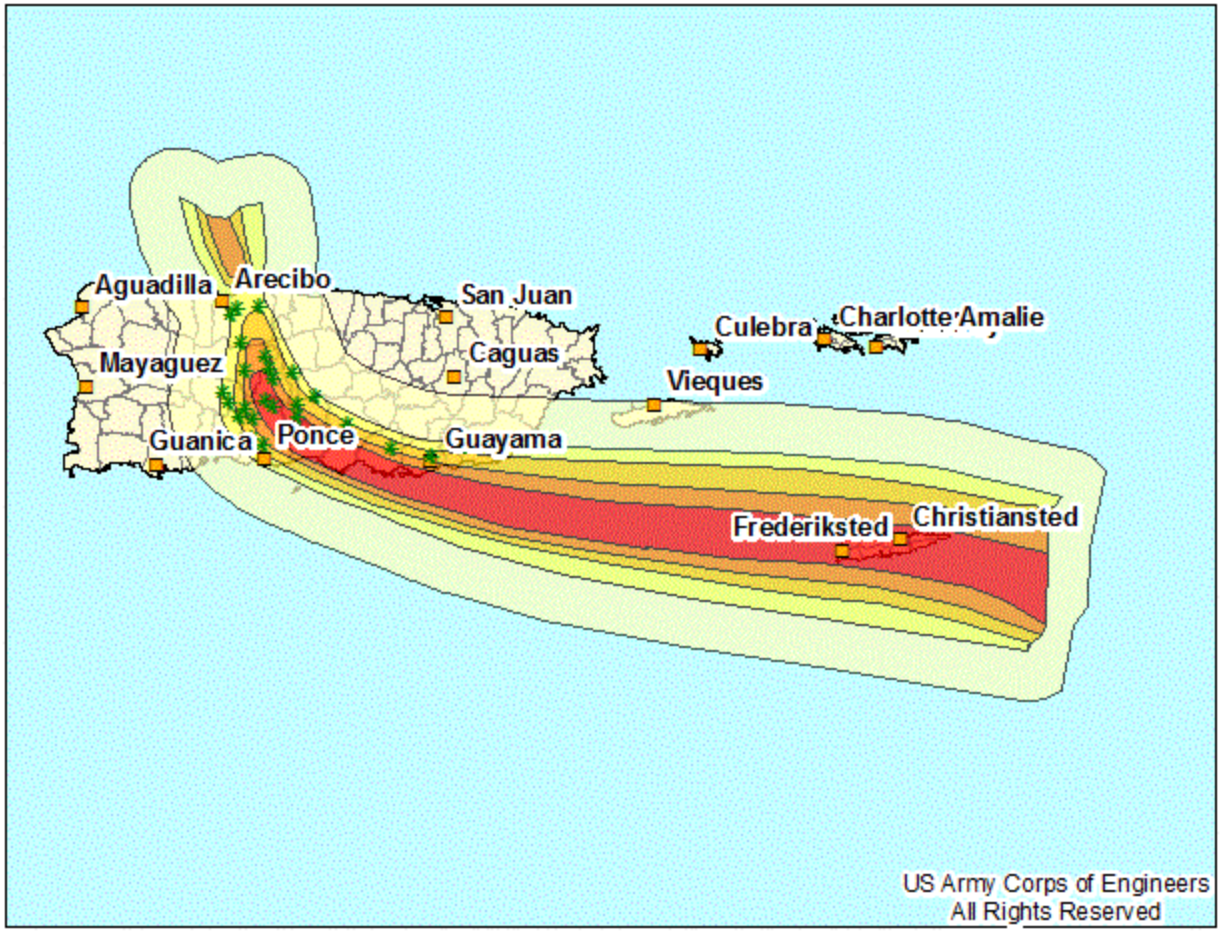
Hurricane No Name Nursing Homes	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 18 of 23

US Army Corps of Engineers

Hurricane No Name Potable Water

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

* Potable Water

Most Probable Landfall Potable Water Inside Hurricane Force Winds

Puerto Rico - 27

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of potable water included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

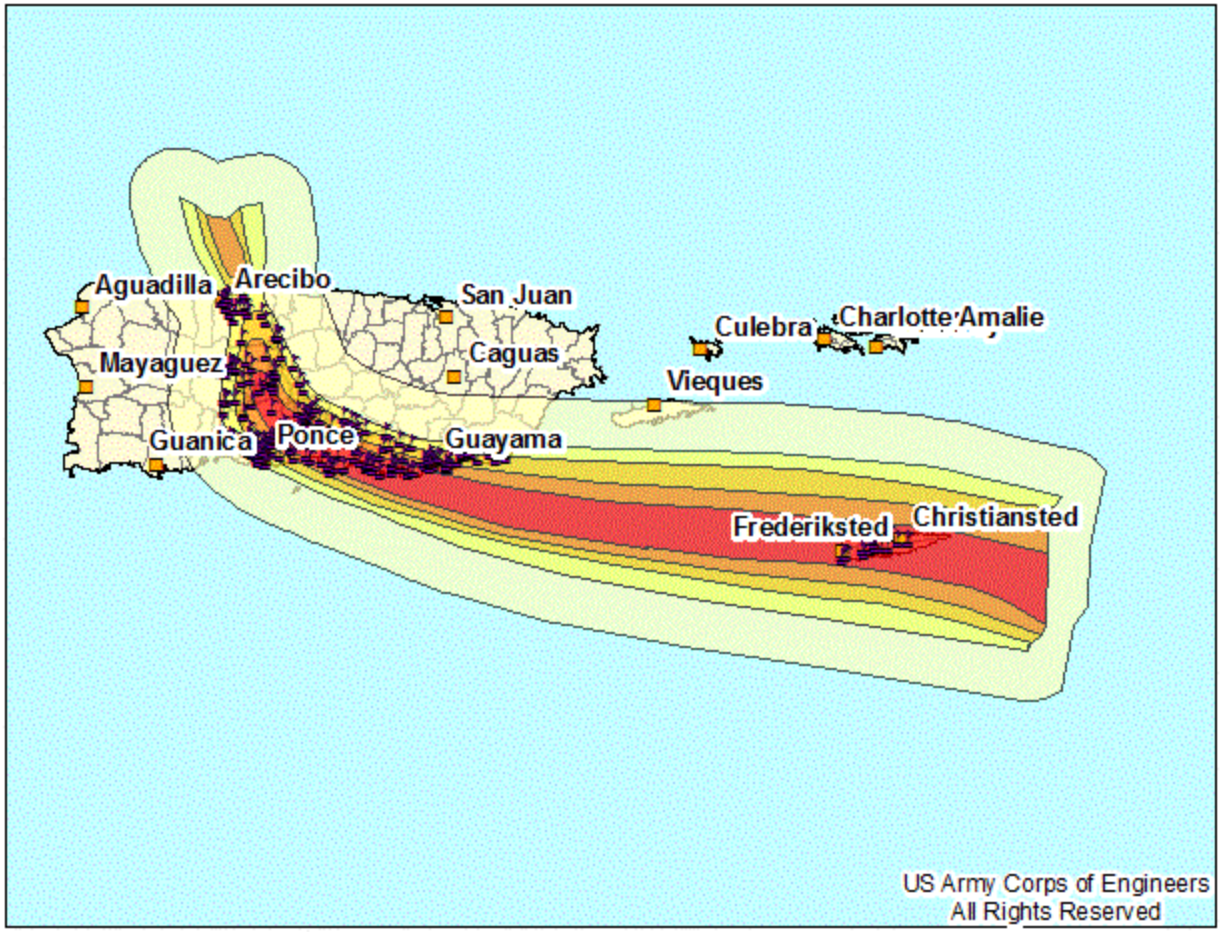
Hurricane No Name Potable Water	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 19 of 23

US Army Corps of Engineers

Hurricane No Name Schools

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

Schools

Most Probable Landfall Schools Inside Hurricane Force Winds

Puerto Rico - 283
Virgin Island - 16

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of schools included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

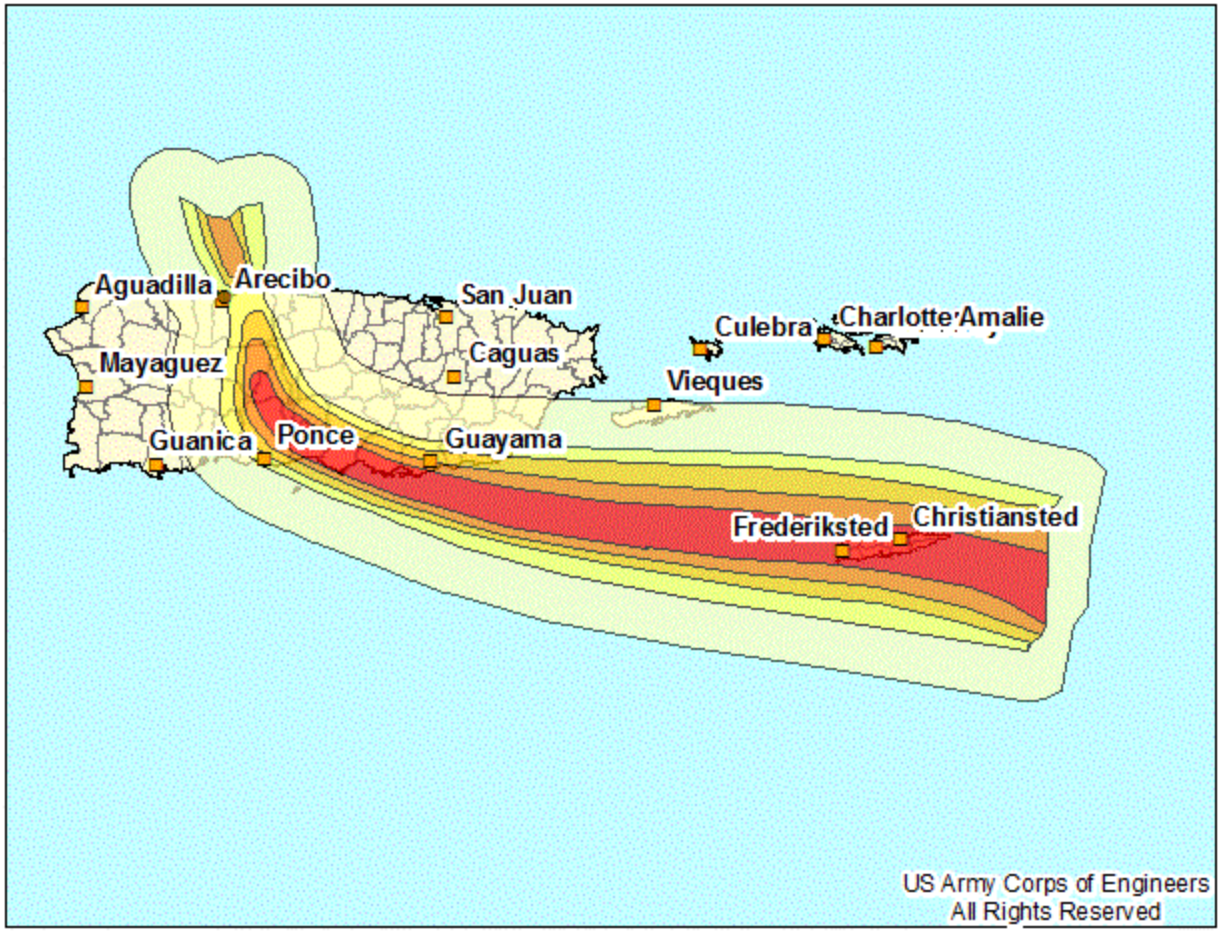
Hurricane No Name Schools	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	

Hurricane No Name Sewage Treatment Plants

US Army Corps of Engineers

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

● Sewage Treatment Plants

Most Probable Landfall Sewage Treatment Plants Inside Hurricane Force Winds

Puerto Rico - 1

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of sewage treatment plants included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

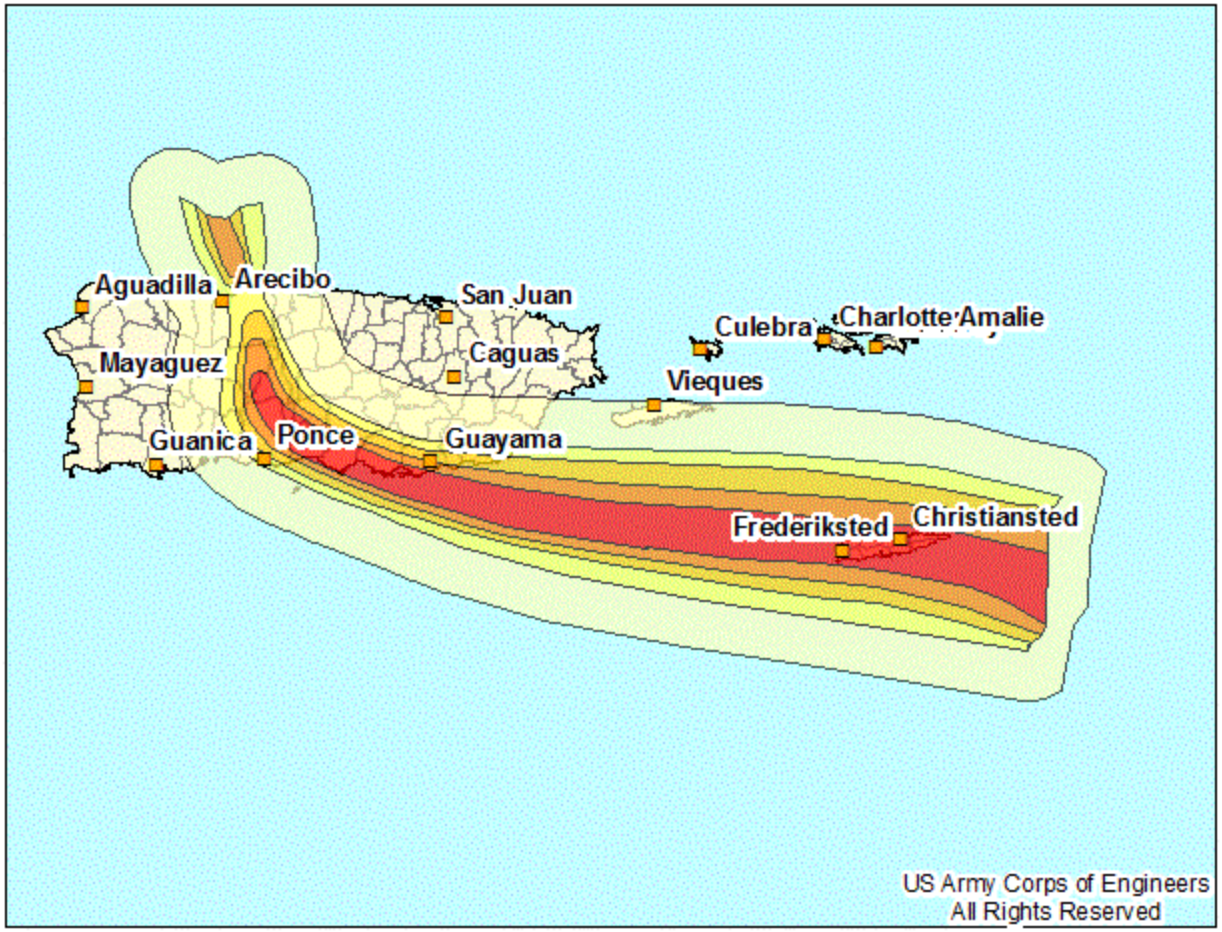
Hurricane No Name Sewage Treatment Plants	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	Page 21 of 23

US Army Corps of Engineers

Hurricane No Name Electric Service Areas

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

Most Probable Landfall Electric Service Areas Inside Hurricane Force Winds

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Electric Service Areas

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of electric service areas included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

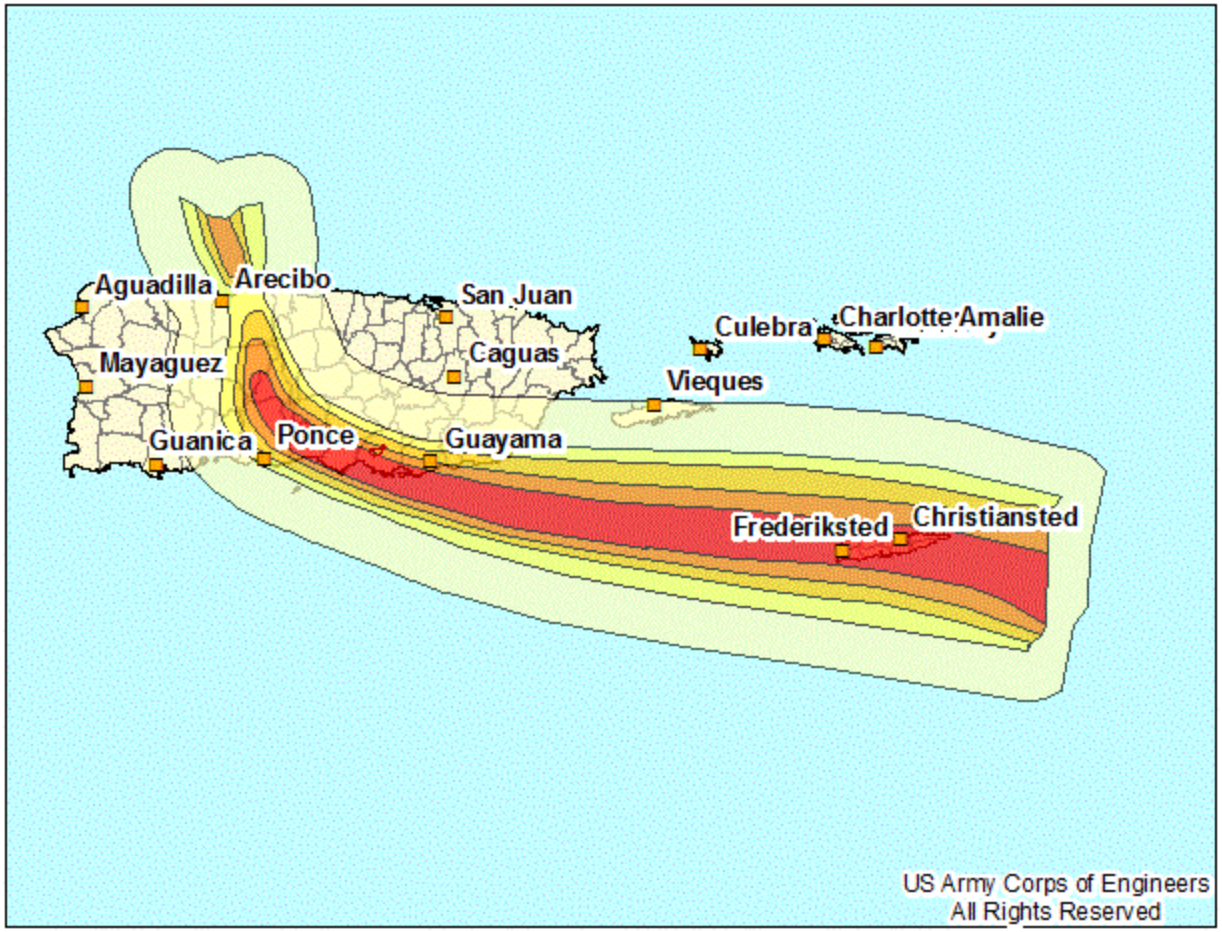
Hurricane No Name Electric Service Areas	
Generated By: CAM, USACE Modeling Team @ 1200 EDT 06/24/2014	
Sources: HURREVAC SimSuite	

US Army Corps of Engineers

Hurricane No Name Military Bases

Landfall Plus About 2 Hours

For Planning Purposes Only!



0 100 200 Miles

Most Probable Landfall Military Bases Inside Hurricane Force Winds

Puerto Rico - 1

Model results per Geographic Unit on following page

This model is based on a Category 4 storm making landfall Puerto Rico and USVI.

Military Bases

Information provided on this page displays a Category 4 storm making landfall Puerto Rico and USVI. These projections are based on information from the NHC (1130 EDT 06/24/2014) forecast.

The number of military bases included in this output are those that would be included within estimated hurricane force winds (data source: HSIP Gold 2013).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact the USACE Modeling Team at dll-ceiwr-esf3@usace.army.mil

Hurricane No Name Military Bases

Generated By:
CAM, USACE Modeling Team
@ 1200 EDT 06/24/2014

Sources:
HURREVAC
SimSuite